



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method: Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	F. G. Holl Company L.L.C.
Well Name	Ford 3
Doc ID	1054337

All Electric Logs Run

CDL/CNL/ML
BHCS
DIL
Microresistivity
CPI

Form	ACO1 - Well Completion
Operator	F. G. Holl Company L.L.C.
Well Name	Ford 3
Doc ID	1054337

Tops

Name	Top	Datum
Anhydrite	859	+1084
Herrington	1845	+98
Winfield	1898	+45
Towanda	1960	-17
Ft Riley	1997	-54
B/Florence	2094	-151
Council Grove	2168	-225
Neva	2350	-407
Red Eagle	2413	-470
Heebner	3289	-1346
LKC	3418	-1475
BKC	3637	-1694
Arbuckle	3776	-1833
RTD	4360	-2417



DRILL STEM TEST REPORT

Prepared For: **F.G.Holl Company L.L.C.**

9431 East Central Suite 100
Wichita, Kansas 67206-2563

ATTN: Ryan Greenbaum

21-21s-14w Stafford

Bayer East #3

Start Date: 2011.03.15 @ 02:55:00

End Date: 2011.03.15 @ 00:00:00

Job Ticket #: 15777 DST #: 1

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2011.03.15 @ 07:57:17



DRILL STEM TEST REPORT

F.G.Holl Company L.L.C.

Bayer East #3

9431 East Central Suite 100
Wichita, Kansas 67206-2563

21-21s-14w Stafford

Job Ticket: 15777

DST#: 1

ATTN: Ryan Greenbaum

Test Start: 2011.03.15 @ 02:55:00

GENERAL INFORMATION:

Formation: **Kansas City "I"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:00:00

Time Test Ended: 00:00:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Gene Budig

Unit No: 3335-29

Interval: 3555.00 ft (KB) To 3570.00 ft (KB) (TVD)

Reference Elevations: 1943.00 ft (KB)

Total Depth: 3570.00 ft (KB) (TVD)

1935.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 29636 Inside

Press @ RunDepth: 40.19 psia @ 3566.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2011.03.15 End Date: 2011.03.15

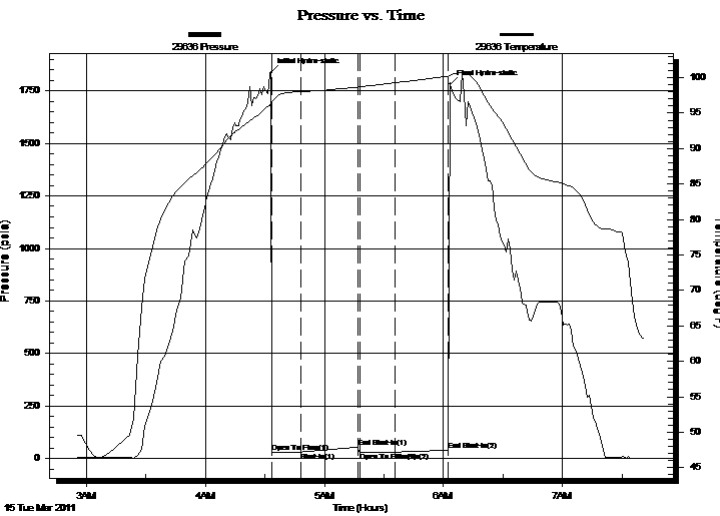
Last Calib.: 2011.03.15

Start Time: 02:55:00 End Time: 07:41:30

Time On Btm: 2011.03.15 @ 04:33:00

Time Off Btm: 2011.03.15 @ 06:03:30

TEST COMMENT: 1st Opening 15 Minutes-Weak blow for 2 minutes and died
1sy Shut-In 30 Minutes-no blow back
2nd Opening 15 Minutes -No blow
2nd Shut-In 30 Minutes-no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1835.40	96.32	Initial Hydro-static
1	27.95	96.59	Open To Flow (1)
15	30.85	98.05	Shut-In(1)
44	54.57	98.69	End Shut-In(1)
45	30.32	98.72	Open To Flow (2)
63	30.95	99.29	Shut-In(2)
90	40.19	100.20	End Shut-In(2)
91	1781.19	100.27	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	Drilling Mud	0.01

Gas Rates

Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)



DRILL STEM TEST REPORT

TOOL DIAGRAM

F.G.Holl Company L.L.C.

Bayer East #3

9431 East Central Suite 100
Wichita, Kansas 67206-2563

21-21s-14w Stafford

Job Ticket: 15777

DST#: 1

ATTN: Ryan Greenbaum

Test Start: 2011.03.15 @ 02:55:00

Tool Information

Drill Pipe:	Length: 3544.00 ft	Diameter: 3.80 inches	Volume: 49.71 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.86 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 48000.00 lb
			<u>Total Volume: 49.71 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3555.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	15.00 ft			
Tool Length:	44.00 ft			
Number of Packers:	1	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3527.00	
Shut-In Tool	5.00			3532.00	
Hydroic Tool	5.00			3537.00	
Jars	6.00			3543.00	
Safety Joint	2.00			3545.00	
Packer	5.00			3550.00	29.00 Bottom Of Top Packer
Packer	5.00			3555.00	
Perforations	10.00			3565.00	
Recorder	1.00	95172	Inside	3566.00	
Recorder	1.00		Outside	3567.00	
Bullnose	3.00			3570.00	15.00 Bottom Packers & Anchor

Total Tool Length: 44.00



DRILL STEM TEST REPORT

FLUID SUMMARY

F.G.Holl Company L.L.C.

Bayer East #3

9431 East Central Suite 100
Wichita, Kansas 67206-2563

21-21s-14w Stafford

Job Ticket: 15777

DST#: 1

ATTN: Ryan Greenbaum

Test Start: 2011.03.15 @ 02:55:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 51.00 sec/qt
Water Loss: 9.20 in³
Resistivity: ohm.m
Salinity: 7700.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psia

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	Drilling Mud	0.014

Total Length: 1.00 ft Total Volume: 0.014 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

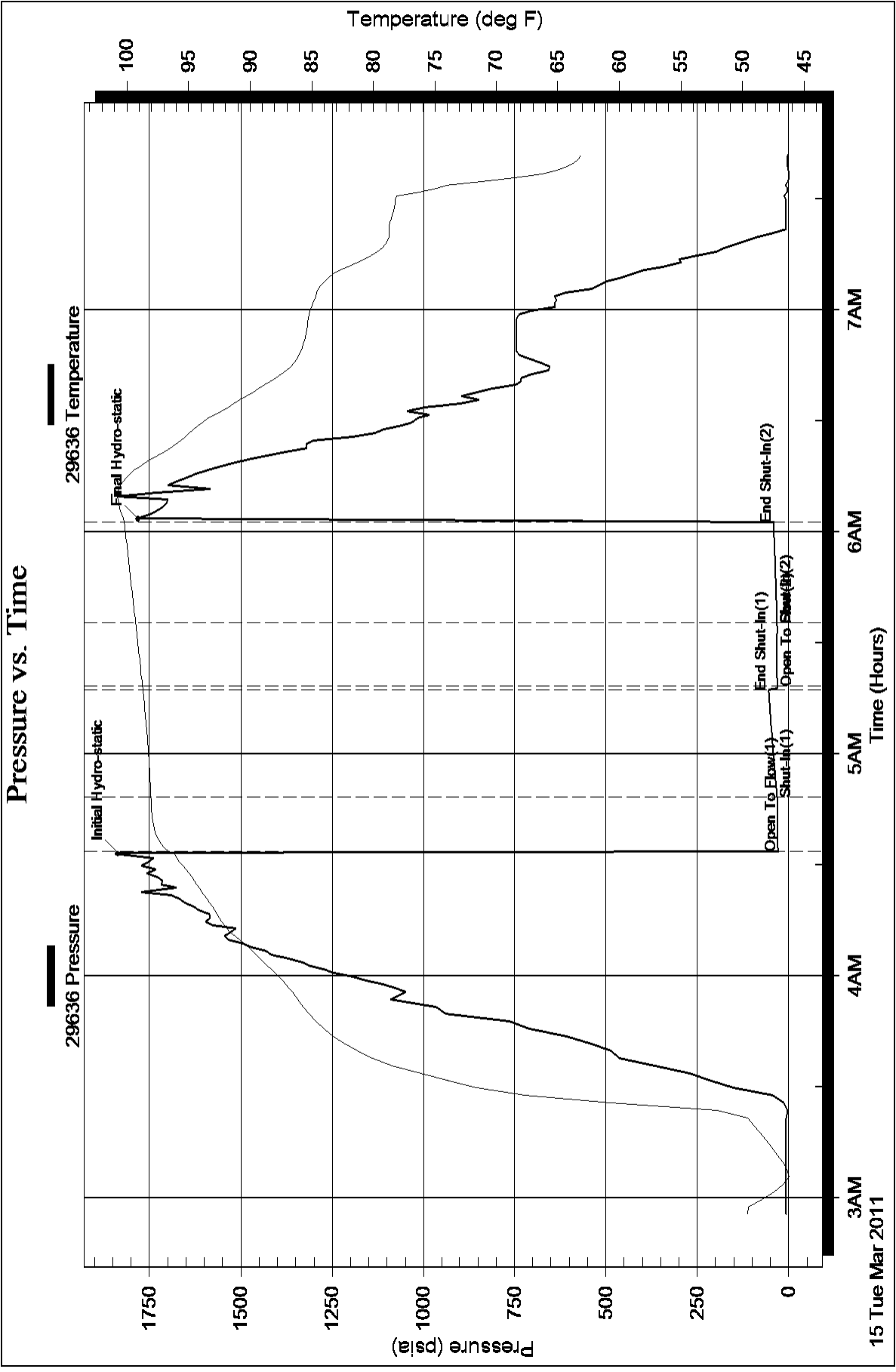
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **F.G.Holl Company L.L.C.**

9431 East Central Suite 100
Wichita, Kansas 67206-2563

ATTN: Ryan Greenbaum

21-21s-14w Stafford

Bayer East #3

Start Date: 2011.03.15 @ 01:30:00

End Date: 2011.03.15 @ 07:50:30

Job Ticket #: 15778 DST #: 2

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2011.03.15 @ 20:39:09



DRILL STEM TEST REPORT

F.G.Holl Company L.L.C.

Bayer East #3

9431 East Central Suite 100
Wichita, Kansas 67206-2563

21-21s-14w Stafford

Job Ticket: 15778

DST#: 2

ATTN: Ryan Greenbaum

Test Start: 2011.03.15 @ 01:30:00

GENERAL INFORMATION:

Formation: **Kansas City "J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:45:30

Time Test Ended: 07:50:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Gene Budig

Unit No: 3335-29

Interval: 3570.00 ft (KB) To 3590.00 ft (KB) (TVD)

Reference Elevations: 1943.00 ft (KB)

Total Depth: 3590.00 ft (KB) (TVD)

1935.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 4005 Inside

Press @ Run Depth: 56.55 psia @ 3586.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2011.03.15 End Date: 2011.03.15

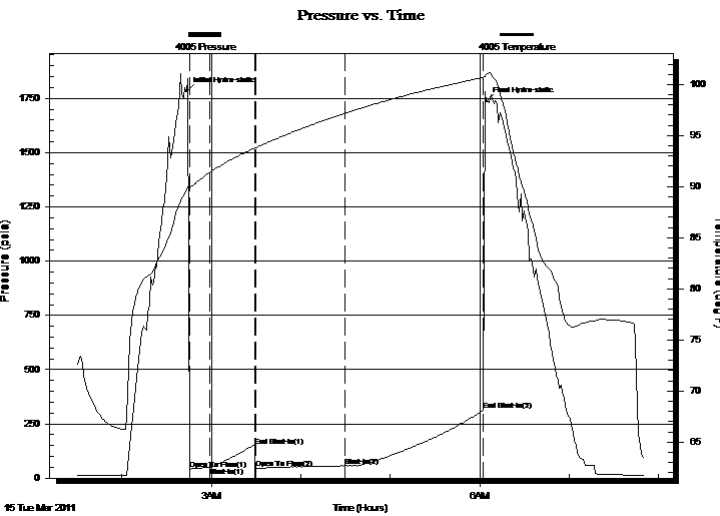
Last Calib.: 2011.03.15

Start Time: 01:30:00 End Time: 07:50:30

Time On Btm: 2011.03.15 @ 02:43:30

Time Off Btm: 2011.03.15 @ 06:04:30

TEST COMMENT: 1st Opening 15 Minutes-Weak blow for 12 minutes and died
1st Shut-In 30 Minutes-No blow back
2nd Opening 60 Minutes-Fair blow built to the bottom of a 5 gallon bucket in 40 minutes
2nd Shut-In-No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1782.22	89.66	Initial Hydro-static
2	39.68	89.97	Open To Flow (1)
16	48.12	91.38	Shut-In(1)
46	148.88	93.76	End Shut-In(1)
47	45.95	93.81	Open To Flow (2)
106	56.55	97.16	Shut-In(2)
199	312.63	100.71	End Shut-In(2)
201	1735.89	100.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Clean gassy Oil 100% Oil	0.07
60.00	Oil cut Mud 50%/50%	0.84
0.00	120' Gas in the pipe	0.00

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)



DRILL STEM TEST REPORT

F.G.Holl Company L.L.C.

Bayer East #3

9431 East Central Suite 100
Wichita, Kansas 67206-2563

21-21s-14w Stafford

Job Ticket: 15778

DST#: 2

ATTN: Ryan Greenbaum

Test Start: 2011.03.15 @ 01:30:00

GENERAL INFORMATION:

Formation: **Kansas City "J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:45:30

Time Test Ended: 07:50:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Gene Budig

Unit No: 3335-29

Interval: 3570.00 ft (KB) To 3590.00 ft (KB) (TVD)

Reference Elevations: 1943.00 ft (KB)

Total Depth: 3590.00 ft (KB) (TVD)

1935.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 30176 Outside

Press @ Run Depth: 308.33 psia @ 3587.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2011.03.15

End Date: 2011.03.15

Last Calib.: 2011.03.15

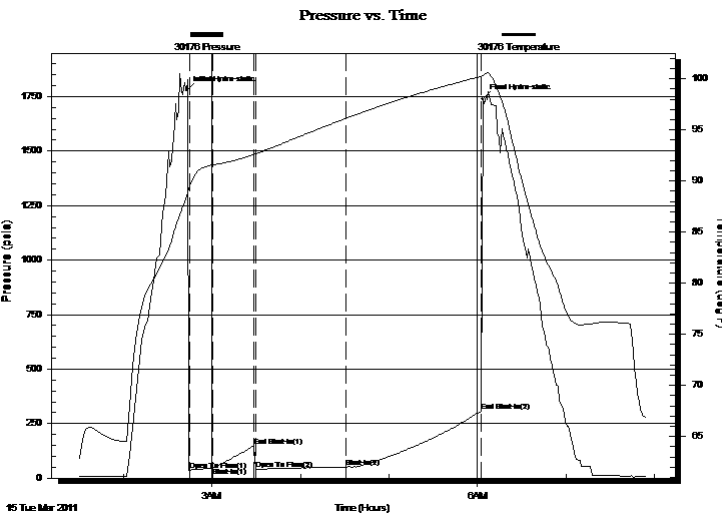
Start Time: 01:30:00

End Time: 07:54:29

Time On Btm: 2011.03.15 @ 02:43:00

Time Off Btm: 2011.03.15 @ 06:03:30

TEST COMMENT: 1st Opening 15 Minutes-Weak blow for 12 minutes and died
1st Shut-In 30 Minutes-No blow back
2nd Opening 60 Minutes-Fair blow built to the bottom of a 5 gallon bucket in 40 minutes
2nd Shut-In-No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1778.57	88.57	Initial Hydro-static
2	34.93	89.49	Open To Flow (1)
18	47.92	91.57	Shut-In(1)
46	147.71	92.61	End Shut-In(1)
47	39.31	92.66	Open To Flow (2)
108	50.93	96.10	Shut-In(2)
200	308.33	100.24	End Shut-In(2)
201	1739.68	100.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Clean gassy Oil 100% Oil	0.07
60.00	Oil cut Mud 50%/50%	0.84
0.00	120' Gas in the pipe	0.00

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)



DRILL STEM TEST REPORT

TOOL DIAGRAM

F.G.Holl Company L.L.C.

Bayer East #3

9431 East Central Suite 100
Wichita, Kansas 67206-2563

21-21s-14w Stafford

Job Ticket: 15778

DST#: 2

ATTN: Ryan Greenbaum

Test Start: 2011.03.15 @ 01:30:00

Tool Information

Drill Pipe:	Length: 3544.00 ft	Diameter: 3.80 inches	Volume: 49.71 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.86 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 49.71 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3570.00 ft			Final 41000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	49.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3542.00	
Shut-In Tool	5.00			3547.00	
Hydroic Tool	5.00			3552.00	
Jars	6.00			3558.00	
Safety Joint	2.00			3560.00	
Packer	5.00			3565.00	29.00 Bottom Of Top Packer
Packer	5.00			3570.00	
Perforations	15.00			3585.00	
Recorder	1.00	4005	Inside	3586.00	
Recorder	1.00	95712	Outside	3587.00	
Bullnose	3.00			3590.00	20.00 Bottom Packers & Anchor

Total Tool Length: 49.00



DRILL STEM TEST REPORT

FLUID SUMMARY

F.G.Holl Company L.L.C.

Bayer East #3

9431 East Central Suite 100
Wichita, Kansas 67206-2563

21-21s-14w Stafford

Job Ticket: 15778

DST#: 2

ATTN: Ryan Greenbaum

Test Start: 2011.03.15 @ 01:30:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 64.00 sec/qt
Water Loss: 8.40 in³
Resistivity: ohm.m
Salinity: 7900.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psia

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Clean gassy Oil 100% Oil	0.070
60.00	Oil cut Mud 50%/50%	0.842
0.00	120' Gas in the pipe	0.000

Total Length: 65.00 ft Total Volume: 0.912 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

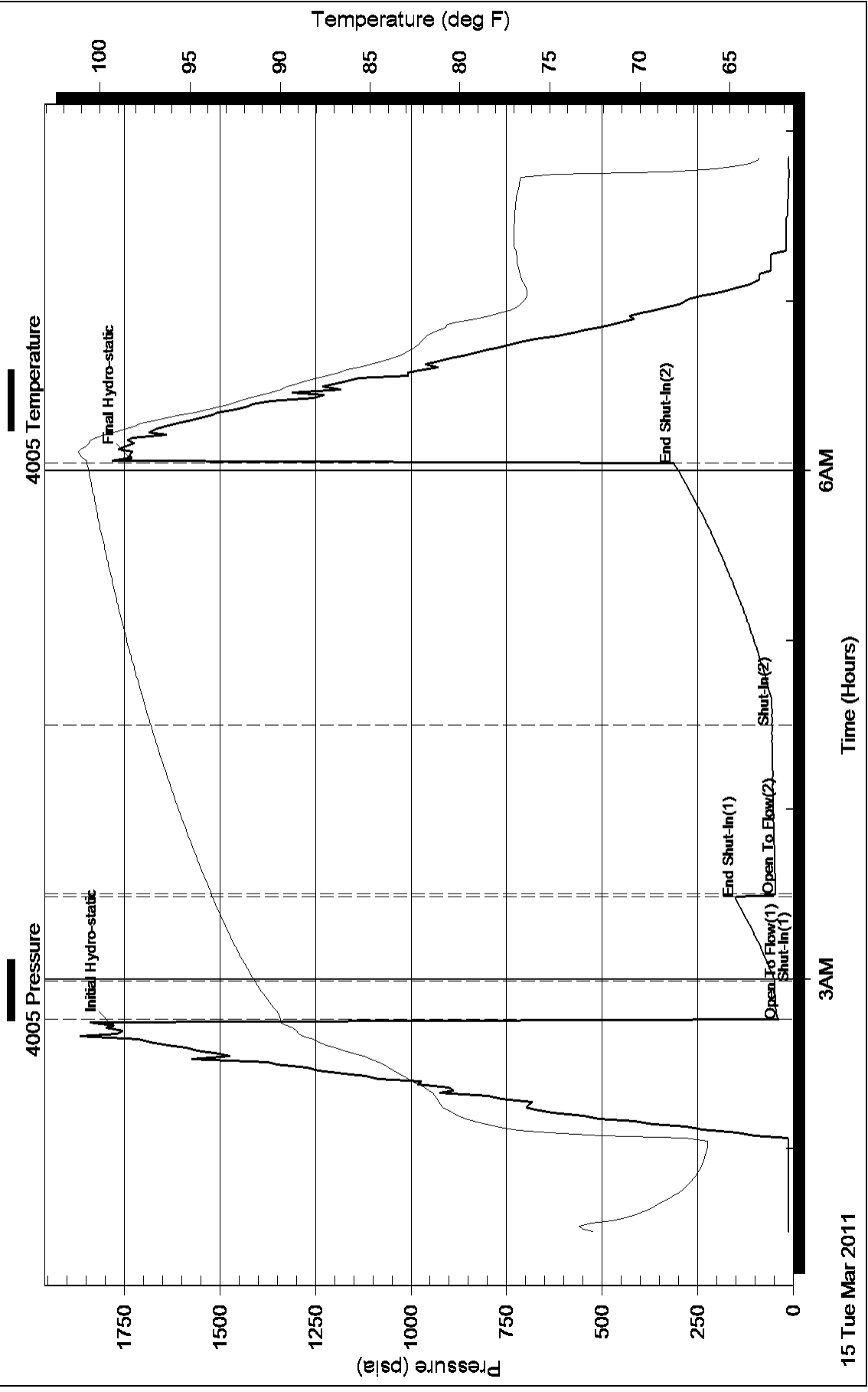
Serial #:

Laboratory Name:

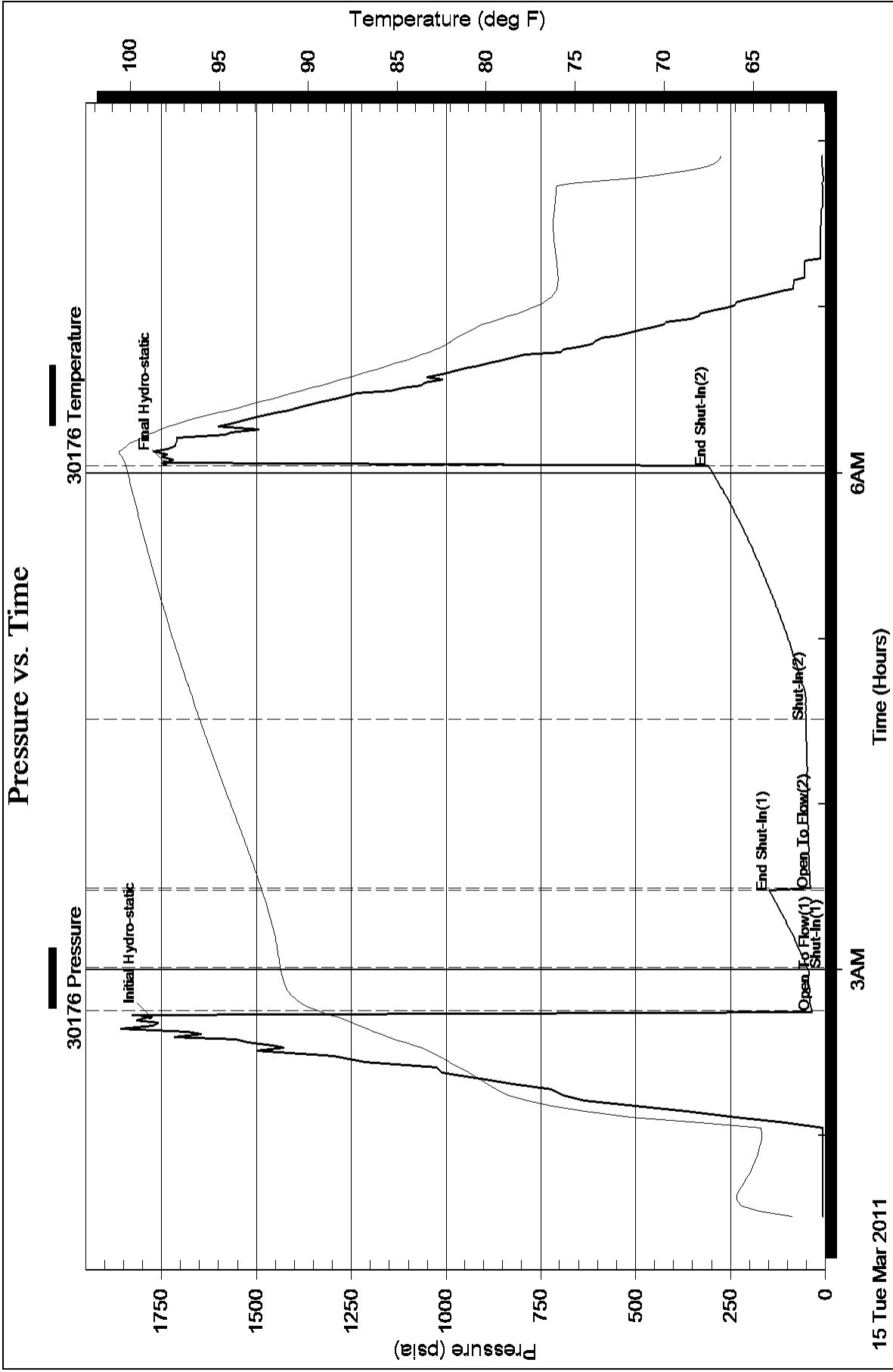
Laboratory Location:

Recovery Comments:

Pressure vs. Time



Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **F.G.Holl Company L.L.C.**

9431 East Central Suite 100
Wichita, Kansas 67206-2563

ATTN: Ryan Greenbaum

21-21s-14w Stafford

Bayer East #3

Start Date: 2011.03.16 @ 04:10:00

End Date: 2011.03.16 @ 00:00:00

Job Ticket #: 15779 DST #: 3

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2011.03.16 @ 08:25:14



DRILL STEM TEST REPORT

F.G.Holl Company L.L.C.

Bayer East #3

9431 East Central Suite 100
Wichita, Kansas 67206-2563

21-21s-14w Stafford

Job Ticket: 15779

DST#: 3

ATTN: Ryan Greenbaum

Test Start: 2011.03.16 @ 04:10:00

GENERAL INFORMATION:

Formation: **Kansas City "K"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:00:00

Time Test Ended: 00:00:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Gene Budig

Unit No: 3335-29

Interval: 3591.00 ft (KB) To 3610.00 ft (KB) (TVD)

Reference Elevations: 1943.00 ft (KB)

Total Depth: 3610.00 ft (KB) (TVD)

1935.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 4005 Inside

Press @ RunDepth: 39.08 psia @ 3606.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2011.03.16 End Date: 2011.03.16

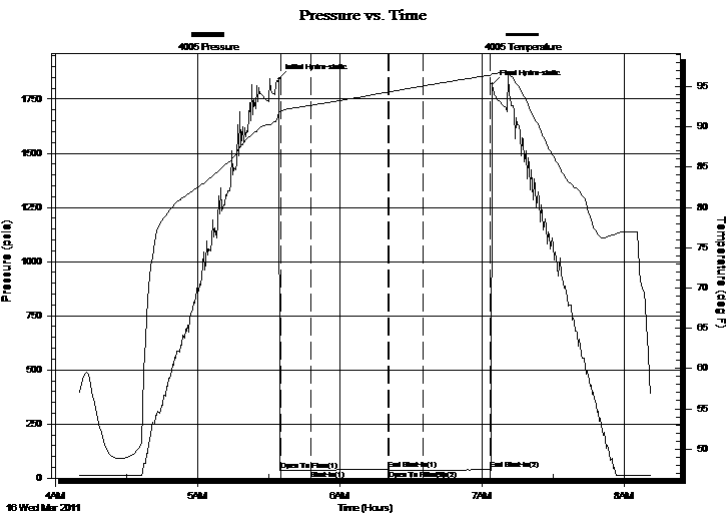
Last Calib.: 2011.03.16

Start Time: 04:10:00 End Time: 08:11:30

Time On Btm: 2011.03.16 @ 05:34:29

Time Off Btm: 2011.03.16 @ 07:04:30

TEST COMMENT: 1st Opening 15 Minutes weak blow for 12 minutes and died
1st Shut-In 30 Minutes-No blow back
2nd Opening 15 Minutes-No blow
2nd Shut-In 30 Minutes-No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1844.29	91.70	Initial Hydro-static
1	37.19	91.87	Open To Flow (1)
14	37.98	92.69	Shut-In(1)
47	41.66	94.32	End Shut-In(1)
47	37.10	94.36	Open To Flow (2)
61	37.41	95.06	Shut-In(2)
90	39.08	96.42	End Shut-In(2)
91	1817.81	96.58	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	slightly oil cut mud	0.01

Gas Rates

Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)



DRILL STEM TEST REPORT

F.G.Holl Company L.L.C.
 9431 East Central Suite 100
 Wichita, Kansas 67206-2563
 ATTN: Ryan Greenbaum

Bayer East #3
21-21s-14w Stafford
 Job Ticket: 15779 **DST#: 3**
 Test Start: 2011.03.16 @ 04:10:00

GENERAL INFORMATION:

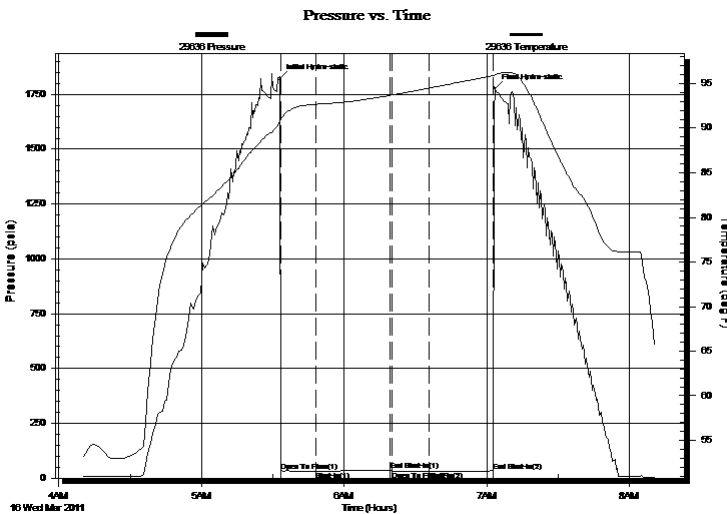
Formation: **Kansas City "K"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:00:00
 Time Test Ended: 00:00:00
 Interval: **3591.00 ft (KB) To 3610.00 ft (KB) (TVD)**
 Total Depth: 3610.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Gene Budig
 Unit No: 3335-29
 Reference Elevations: 1943.00 ft (KB)
 1935.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 29636 Outside

Press @ RunDepth: 33.22 psia @ 3607.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2011.03.16 End Date: 2011.03.16 Last Calib.: 2011.03.16
 Start Time: 04:10:00 End Time: 08:11:00 Time On Btm: 2011.03.16 @ 05:32:59
 Time Off Btm: 2011.03.16 @ 07:03:30

TEST COMMENT: 1st Opening 15 Minutes weak blow for 12 minutes and died
 1st Shut-In 30 Minutes-No blow back
 2nd Opening 15 Minutes-No blow
 2nd Shut-In 30 Minutes-No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1824.21	90.75	Initial Hydro-static
1	33.30	91.02	Open To Flow (1)
15	32.82	92.67	Shut-In(1)
47	36.24	93.68	End Shut-In(1)
48	31.72	93.71	Open To Flow (2)
63	30.59	94.48	Shut-In(2)
90	33.22	95.87	End Shut-In(2)
91	1778.23	95.96	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	slightly oil cut mud	0.01

Gas Rates

Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)



DRILL STEM TEST REPORT

TOOL DIAGRAM

F.G.Holl Company L.L.C.

Bayer East #3

9431 East Central Suite 100
Wichita, Kansas 67206-2563

21-21s-14w Stafford

Job Ticket: 15779

DST#: 3

ATTN: Ryan Greenbaum

Test Start: 2011.03.16 @ 04:10:00

Tool Information

Drill Pipe:	Length: 3575.00 ft	Diameter: 3.80 inches	Volume: 50.15 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.86 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 45000.00 lb
			<u>Total Volume: 50.15 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3591.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	19.00 ft			
Tool Length:	48.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3563.00	
Shut-In Tool	5.00			3568.00	
Hydroic Tool	5.00			3573.00	
Jars	6.00			3579.00	
Safety Joint	2.00			3581.00	
Packer	5.00			3586.00	29.00 Bottom Of Top Packer
Packer	5.00			3591.00	
Perforations	14.00			3605.00	
Recorder	1.00	4005	Inside	3606.00	
Recorder	1.00	95172	Outside	3607.00	
Bullnose	3.00			3610.00	19.00 Bottom Packers & Anchor

Total Tool Length: 48.00



DRILL STEM TEST REPORT

FLUID SUMMARY

F.G.Holl Company L.L.C.

Bayer East #3

9431 East Central Suite 100
Wichita, Kansas 67206-2563

21-21s-14w Stafford

Job Ticket: 15779

DST#: 3

ATTN: Ryan Greenbaum

Test Start: 2011.03.16 @ 04:10:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 64.00 sec/qt
Water Loss: 8.40 in³
Resistivity: ohm.m
Salinity: 7900.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psia

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	slightly oil cut mud	0.014

Total Length: 1.00 ft Total Volume: 0.014 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

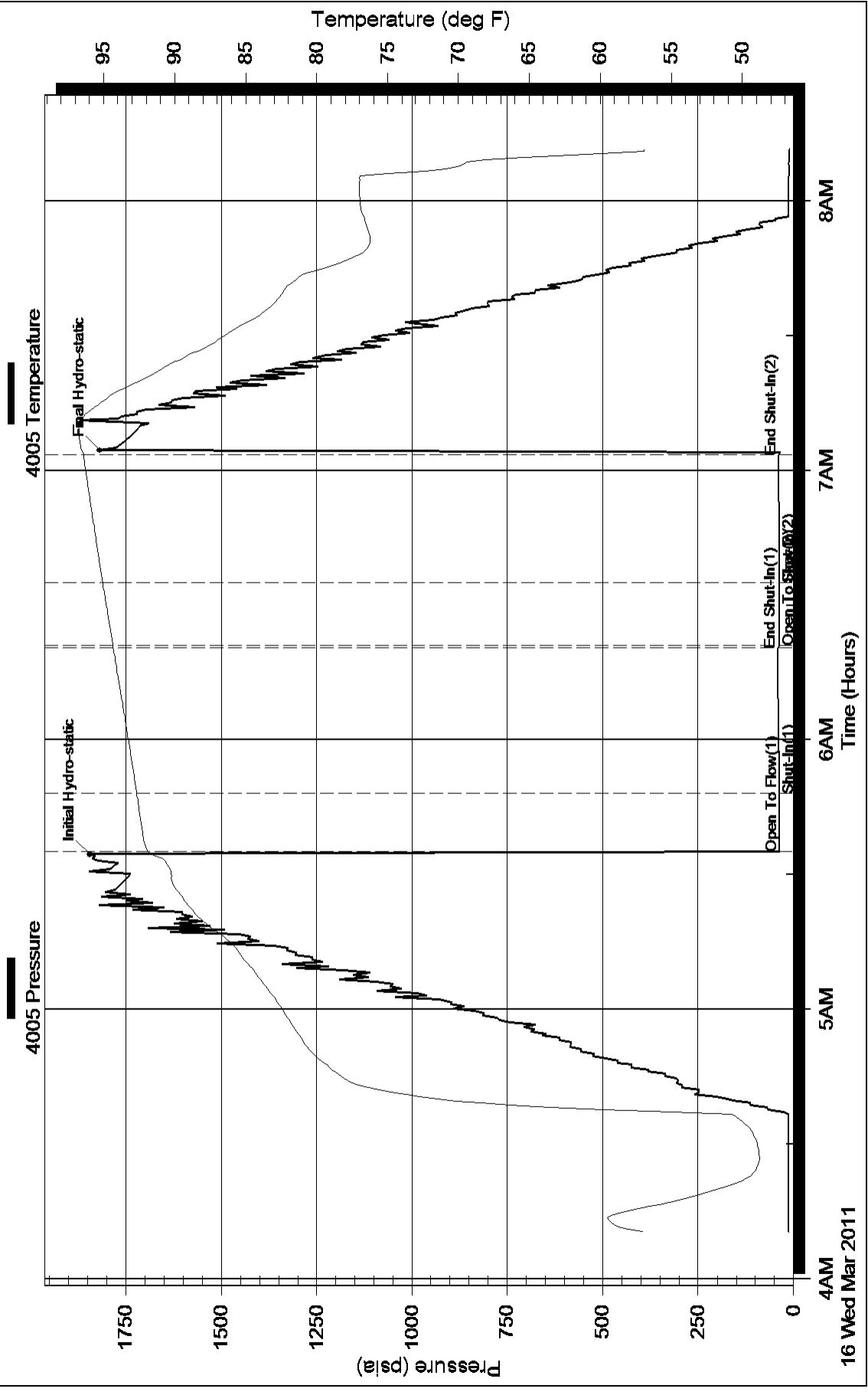
Serial #:

Laboratory Name:

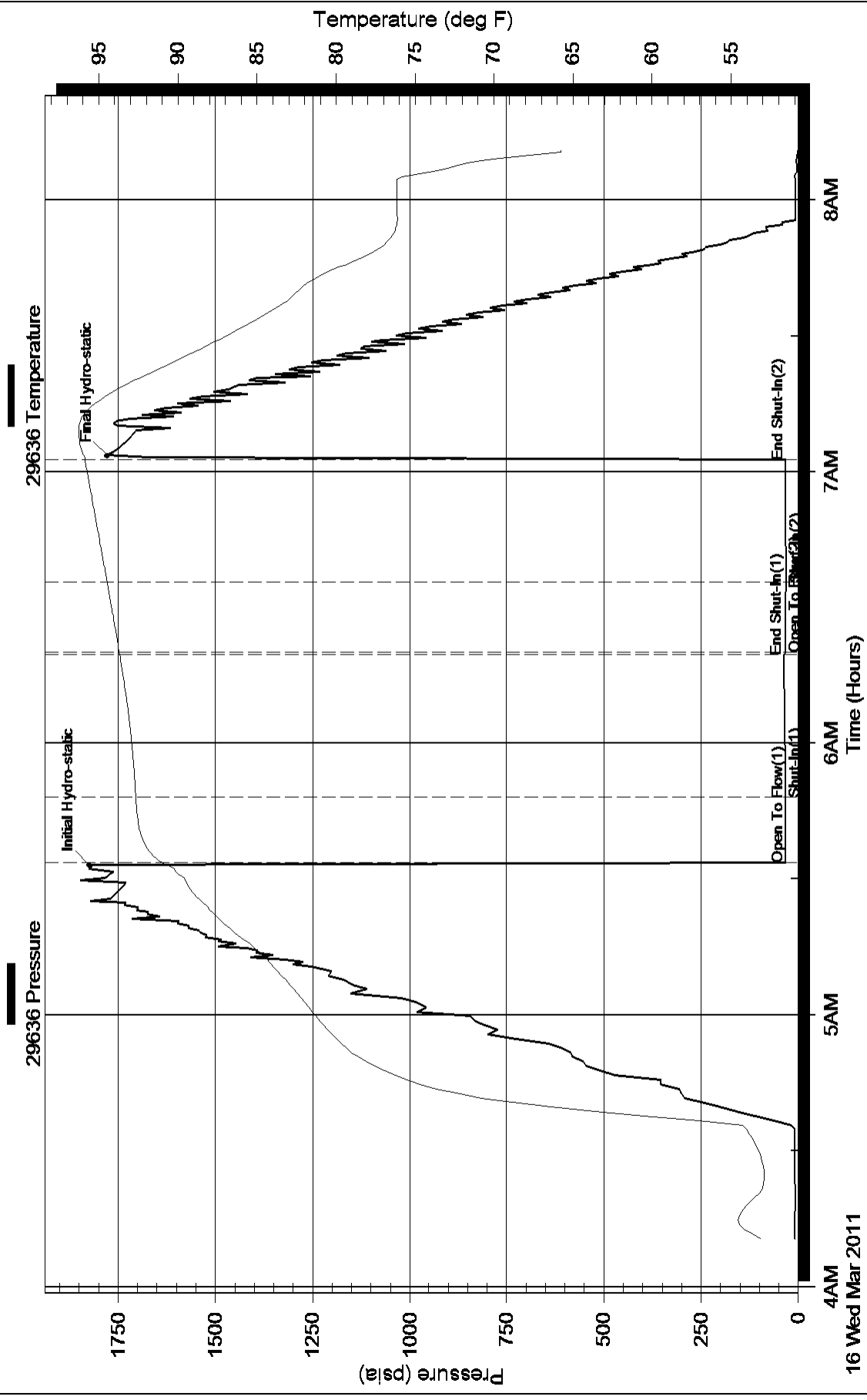
Laboratory Location:

Recovery Comments:

Pressure vs. Time



Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **F.G.Holl Company L.L.C.**

9431 East Central Suite 100
Wichita, Kansas 67206-2563

ATTN: Ryan Greenbaum

21-21s-14w Stafford

Bayer East #3

Start Date: 2011.03.16 @ 05:05:00

End Date: 2011.03.16 @ 00:00:00

Job Ticket #: 15780 DST #: 4

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2011.03.16 @ 23:08:38



DRILL STEM TEST REPORT

F.G.Holl Company L.L.C.

Bayer East #3

9431 East Central Suite 100
Wichita, Kansas 67206-2563

21-21s-14w Stafford

Job Ticket: 15780

DST#: 4

ATTN: Ryan Greenbaum

Test Start: 2011.03.16 @ 05:05:00

GENERAL INFORMATION:

Formation: **Kansas City "L"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:00:00

Time Test Ended: 00:00:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Gene Budig

Unit No: 3335-29

Interval: 3621.00 ft (KB) To 3640.00 ft (KB) (TVD)

Reference Elevations: 1943.00 ft (KB)

Total Depth: 3640.00 ft (KB) (TVD)

1935.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 4005

Inside

Press @ Run Depth: 405.64 psia @ 3636.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2011.03.16

End Date: 2011.03.16

Last Calib.: 2011.03.16

Start Time: 05:05:00

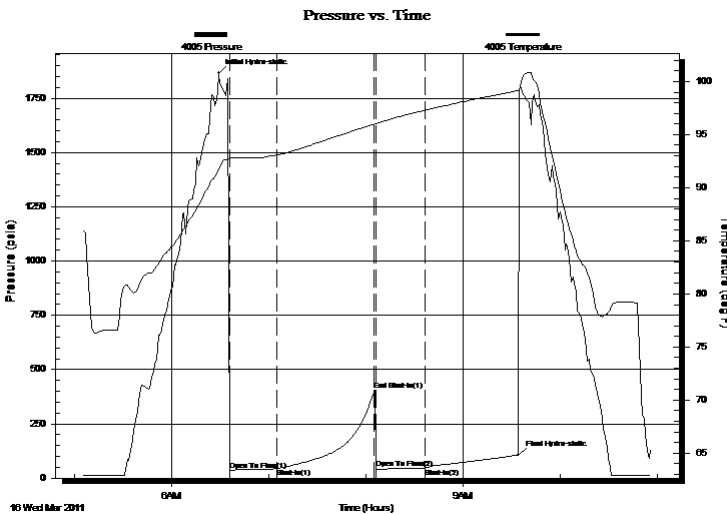
End Time: 10:55:30

Time On Btm: 2011.03.16 @ 06:29:00

Time Off Btm: 2011.03.16 @ 09:34:00

TEST COMMENT: 1st Opening 30 Minutes-Weak blow for 15 minutes and died
1st Shut-In 60 Minutes-No blow back
2nd Opening 30 Minutes-w eak intermittant surface blow for 20 minutes and died
2nd Shut-In 60 Minutes-No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1865.13	91.72	Initial Hydro-static
7	36.56	92.86	Open To Flow (1)
36	44.12	93.09	Shut-In(1)
96	405.64	95.98	End Shut-In(1)
97	44.31	96.03	Open To Flow (2)
128	45.26	97.31	Shut-In(2)
185	107.32	99.15	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Clean oil	0.03
40.00	Oil Cut Mud 7% Oil 93% Mud	0.56

Gas Rates

Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)



DRILL STEM TEST REPORT

F.G.Holl Company L.L.C.

Bayer East #3

9431 East Central Suite 100
Wichita, Kansas 67206-2563

21-21s-14w Stafford

Job Ticket: 15780

DST#: 4

ATTN: Ryan Greenbaum

Test Start: 2011.03.16 @ 05:05:00

GENERAL INFORMATION:

Formation: **Kansas City "L"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:00:00

Time Test Ended: 00:00:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Gene Budig

Unit No: 3335-29

Interval: 3621.00 ft (KB) To 3640.00 ft (KB) (TVD)

Reference Elevations: 1943.00 ft (KB)

Total Depth: 3640.00 ft (KB) (TVD)

1935.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 30176 Outside

Press @ RunDepth: 101.67 psia @ 3637.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2011.03.16

End Date: 2011.03.16

Last Calib.: 2011.03.16

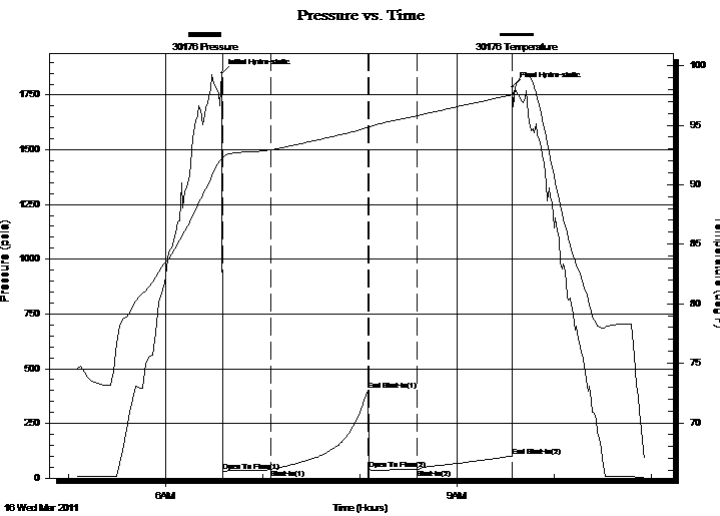
Start Time: 05:05:00

End Time: 10:55:30

Time On Btm: 2011.03.16 @ 06:34:30

Time Off Btm: 2011.03.16 @ 09:34:00

TEST COMMENT: 1st Opening 30 Minutes-Weak blow for 15 minutes and died
 1st Shut-In 60 Minutes-No blow back
 2nd Opening 30 Minutes-w eak intermittant surface blow for 20 minutes and died
 2nd Shut-In 60 Minutes-No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1849.37	92.19	Initial Hydro-static
1	31.08	92.29	Open To Flow (1)
31	39.28	92.93	Shut-In(1)
90	402.33	94.79	End Shut-In(1)
91	38.75	94.83	Open To Flow (2)
121	39.37	95.80	Shut-In(2)
179	101.67	97.54	End Shut-In(2)
180	1787.19	97.56	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Clean oil	0.03
40.00	Oil Cut Mud 7% Oil 93% Mud	0.56

Gas Rates

Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)



DRILL STEM TEST REPORT

TOOL DIAGRAM

F.G.Holl Company L.L.C.

Bayer East #3

9431 East Central Suite 100
Wichita, Kansas 67206-2563

21-21s-14w Stafford

Job Ticket: 15780

DST#: 4

ATTN: Ryan Greenbaum

Test Start: 2011.03.16 @ 05:05:00

Tool Information

Drill Pipe:	Length: 3605.00 ft	Diameter: 3.80 inches	Volume: 50.57 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.86 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	45000.00 lb
			<u>Total Volume: 50.57 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial	40000.00 lb
Depth to Top Packer:	3621.00 ft			Final	40000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	19.00 ft				
Tool Length:	48.00 ft				
Number of Packers:	1	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3593.00	
Shut-In Tool	5.00			3598.00	
Hydroic Tool	5.00			3603.00	
Jars	6.00			3609.00	
Safety Joint	2.00			3611.00	
Packer	5.00			3616.00	29.00 Bottom Of Top Packer
Packer	5.00			3621.00	
Perforations	14.00			3635.00	
Recorder	1.00	4005	Inside	3636.00	
Recorder	1.00	95712	Outside	3637.00	
Bullnose	3.00			3640.00	19.00 Bottom Packers & Anchor

Total Tool Length: 48.00



DRILL STEM TEST REPORT

FLUID SUMMARY

F.G.Holl Company L.L.C.

Bayer East #3

9431 East Central Suite 100
Wichita, Kansas 67206-2563

21-21s-14w Stafford

Job Ticket: 15780

DST#: 4

ATTN: Ryan Greenbaum

Test Start: 2011.03.16 @ 05:05:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 57.00 sec/qt
Water Loss: 10.40 in³
Resistivity: ohm.m
Salinity: 8900.00 ppm
Filter Cake: inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psia

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	Clean oil	0.028
40.00	Oil Cut Mud 7% Oil 93% Mud	0.561

Total Length: 42.00 ft Total Volume: 0.589 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

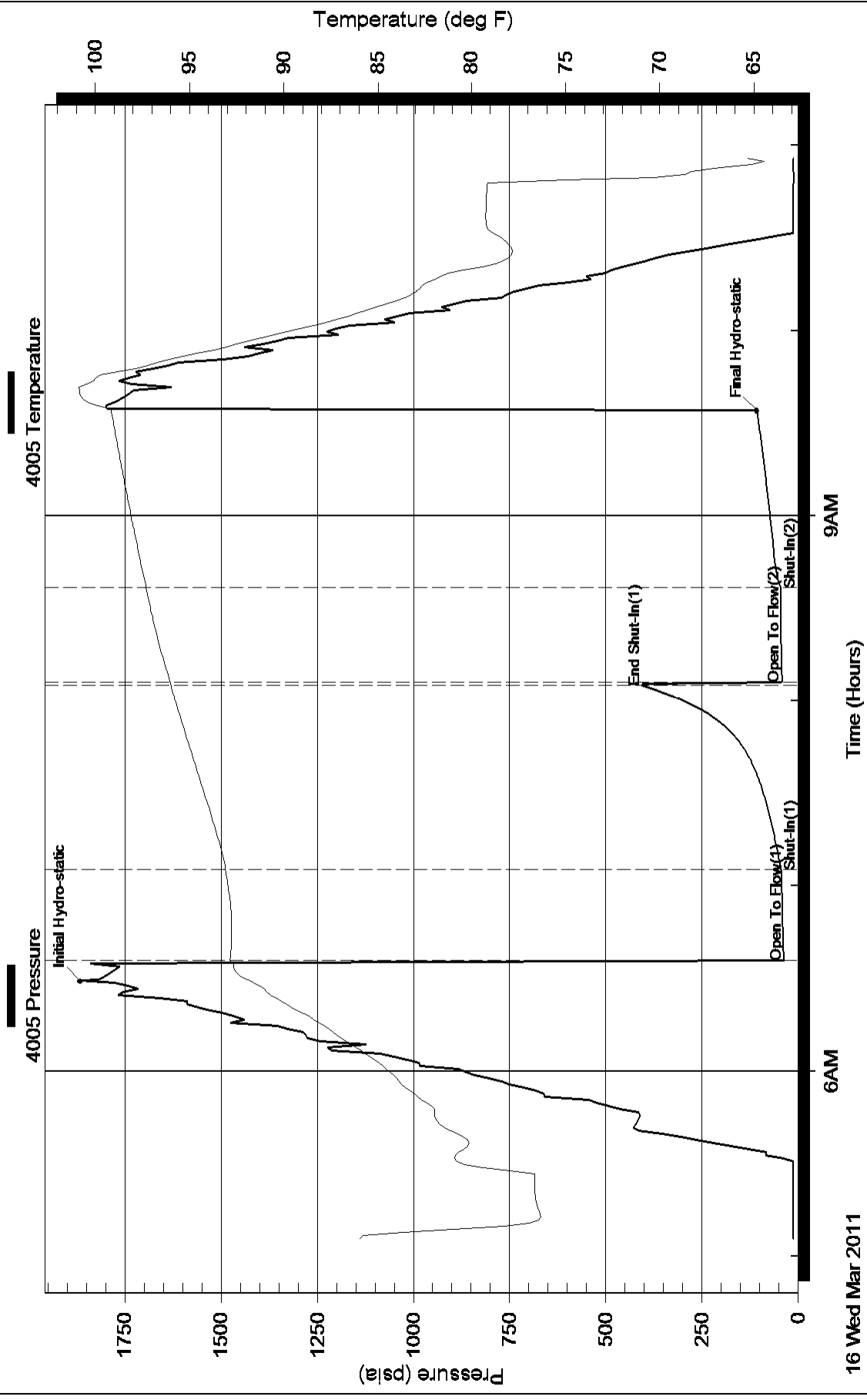
Serial #:

Laboratory Name:

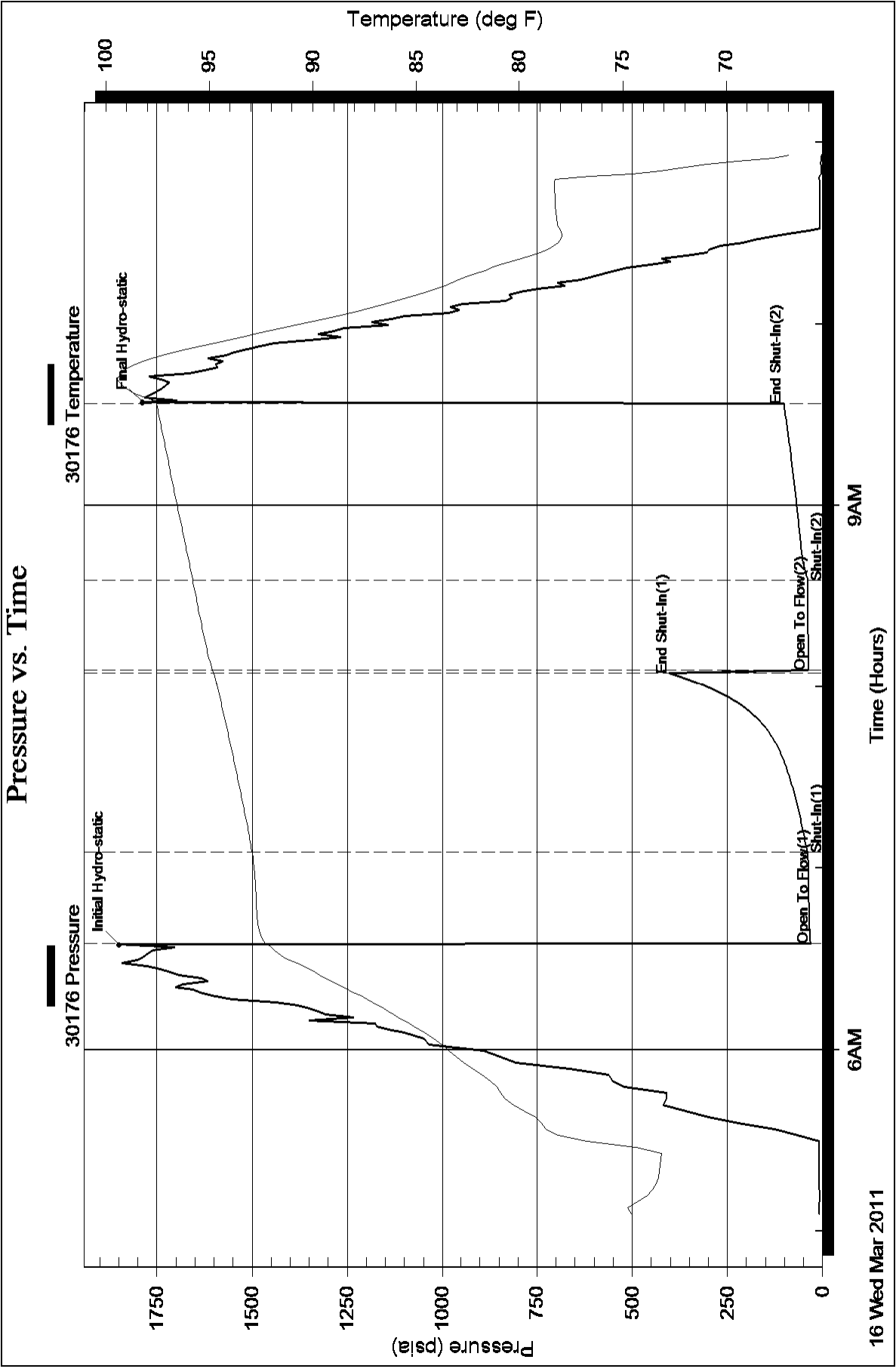
Laboratory Location:

Recovery Comments:

Pressure vs. Time



Pressure vs. Time



BASIC

energy services, L.P.

TREATMENT REPORT

Customer PG HOLL CO., INC.	Lease No.	Date
Lease FORD	Well # 3-21 TD	3-10-2011
Field Order # 31052	Station PRATT, KS.	Casing 8 5/8
Type Job CNW - 2 5/8" S.P.	Depth 460'	County STAFFORD
	Formation	State KS.
		Legal Description 21-21-14

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 8 5/8	Tubing Size	Shots/Ft	CMT-	Acid 200SK A-CON		RATE	PRESS	ISIP
Depth 460'	Depth	From	To	Pre Pad @ 2.12 CUFT ³	Max			5 Min.
Volume 5.5 BBL	Volume	From	To	Pad 200SK COMMON	Min			10 Min.
Max Press 500	Max Press	From	To	Frac @ 1.34 CUFT ³	Avg			15 Min.
Well Connection P.C.	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth 240'	Packer Depth	From	To	Flush 53.75 BBL	Gas Volume			Total Load

Customer Representative STEVE STEVENS	Station Manager D. SCOTT	Treater K. LESLEY
Service Units 19870 19903 19905 19832 19862		
Driver Names LESLEY MITCHELL — HUNTER —		

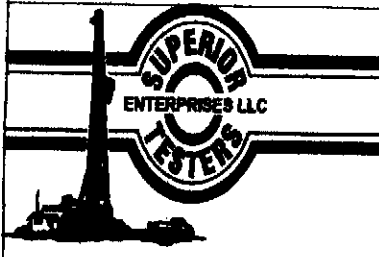
Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
5:00 PM					ON LOCATION - SAFETY MEETING
					RUN JOBS. 8 5/8" X 23" CENT. - 5, 10, 18
6:56 PM					CSG. ON BOTTOM
7:00 PM					HOOK UP TO CSG. / BREAK CIRC. W/ RIG
7:05 PM	350		5	5	H ₂ O AHEAD
7:17 PM	350		74.5	6	MIX 200SK A-CON @ 12.6 PPG
7:25 PM	400		48	6	MIX 200SK COMMON @ 15.0 PPG
7:26 PM					SHUT DOWN - RELEASE PLUG
7:30 PM	400		0	6	START DISPLACEMENT
7:36 PM	450		40	5	LIFT PRESSURE
7:55 PM	450		45	4	SLOW RATE
8:00 PM	500		53.76	3	PLUG DOWN - CLOSED IN AT HEAD
					CIRCULATION THRU JOB
					CIRC. 15 BBL TO PIT
					JOB COMPLETE,
					THANKS -
					KEEVEN LESLEY

Customer EG Hall Co LLC	Lease No.	Date
Lease F0-0	Well # 3-21	3-22-11
Field Order # 03638A	Station Pratt KS	Casing 5 1/2"
Type Job 5 1/2" Longstring w/ PKR Shoe CW	Depth 3844.96	County Stafford
	Formation TD 4360'	State KANS
		Legal Description 21-21-14

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size /' /	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
5 1/2			12	3B1 super flush				
Depth	Depth	From	To	Pre Pad	Max		5 Min.	
3844.96			50	SK 60/4002	scavenger @		12 H/gal	
Volume	Volume	From	To	Pad	Min		10 Min.	
932 BBL			130	SKs AA2 @	15 #/gal			
Max Press	Max Press	From	To	Frac	Avg		15 Min.	
1500			50	SKs AA2	Plug Rate Hole + Muds Hole			
Well Connection	Annulus Vol.	From	To		HMP Used		Annulus Pressure	
PC								
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load	
3831.04				Disp. H2O				

Customer Representative Rob Long.	Station Manager scotty	Treater Allen		
Service Units	19903	19905	19960	19918
Driver Names	werth	mike	matth JR	Hunter

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
230 AM					on loc. Discuss Safety, Setup, Plan Job
					Rig Laying down collars
					out of Hole w/ Bit Lay down Kelly
					Rig up to Run 5 1/2" casing
520					shoe joint 13.92' w/ PKR Shoe
					+ L.D. Buff Leincollar.
					cent #1-2-3-4-5. Basket #2
700					casing @ 3844.96 Hook up
					+ cir good cir. Dip Ball To set
	850				PKR shoe @ 3844.96 - set 850
745	200		12	5	Pump 12 BBLs super flush
			5	5	Pump 5 BBLs H2O space
			10	5	Mix + Pump 50 SKs 60/4002 scavenger 12
			33	5	Mix + Pump 130 SKs AA2 @ 15 #/gal
					Finish mixing. Wash out Pump line
805					6 1/2 Dropl. D. Plug + start Disp.
				5	caught lift w/ 70 BBLs out
820	1500		93 1/2	4	Plug down
	0				Release PSI 0
					Plug R.N. # M.H. w/ 50 SKs 60/40
					workup + Rack up.
930					Job complete thans Allen, Mike, J.R.



DRILL STEM TEST REPORT

F.G.Holl Company L.L.C.

Ford #3

9431 East Central Suite 100
Wichita, Kansas 67208-2563

21-21s-14w Stafford

ATTN: Ryan Greenbaum

Job Ticket: 15781

DST#: 5

Test Start: 2011.03.17 @ 02:15:00

GENERAL INFORMATION:

Formation: **Conglomerate & Viola**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:00:00

Time Test Ended: 00:00:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Gene Budig

Unit No: 3335-29

Interval: 3635.00 ft (KB) To 3725.00 ft (KB) (TVD)

Total Depth: 3725.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1943.00 ft (KB)

1935.00 ft (CF)

KB to GRVCF: 8.00 ft

Serial #: 29636

Outside

Press@RunDepth: 450.62 psia @ 3721.78 ft (KB)

Start Date: 2011.03.17

End Date: 2011.03.17

Capacity: 5000.00 psia

Start Time: 02:15:30

End Time: 07:33:00

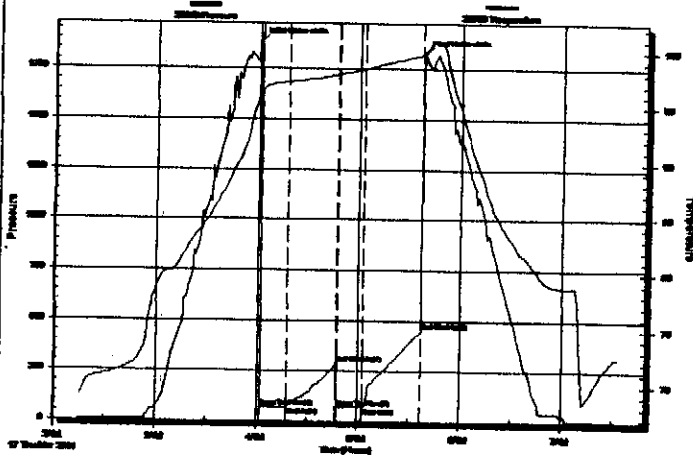
Last Calib.: 2011.03.17

Time On Btm: 2011.03.17 @ 04:01:00

Time Off Btm: 2011.03.17 @ 05:38:00

TEST COMMENT: 1st Opening 15 Minutes weak blow for 4 minutes and died
1st Shut-in 30 Minutes-No blow back
2nd Opening 15 Minutes-No blow
2nd Shut-in 30 Minutes-No Blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1883.97	96.25	Initial Hydro-static
1	68.09	96.56	Open To Flow (1)
17	70.23	97.30	Shut-in(1)
46	290.47	97.96	End Shut-in(1)
47	70.83	97.98	Open To Flow (2)
62	71.23	98.41	Shut-in(2)
97	450.62	99.73	End Shut-in(2)
97	1826.84	99.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Drilling mud	0.14

Gas Rates

	Choke (Inches)	Pressure (psia)	Gas Rate (Mcf/d)

Serial #: 4005

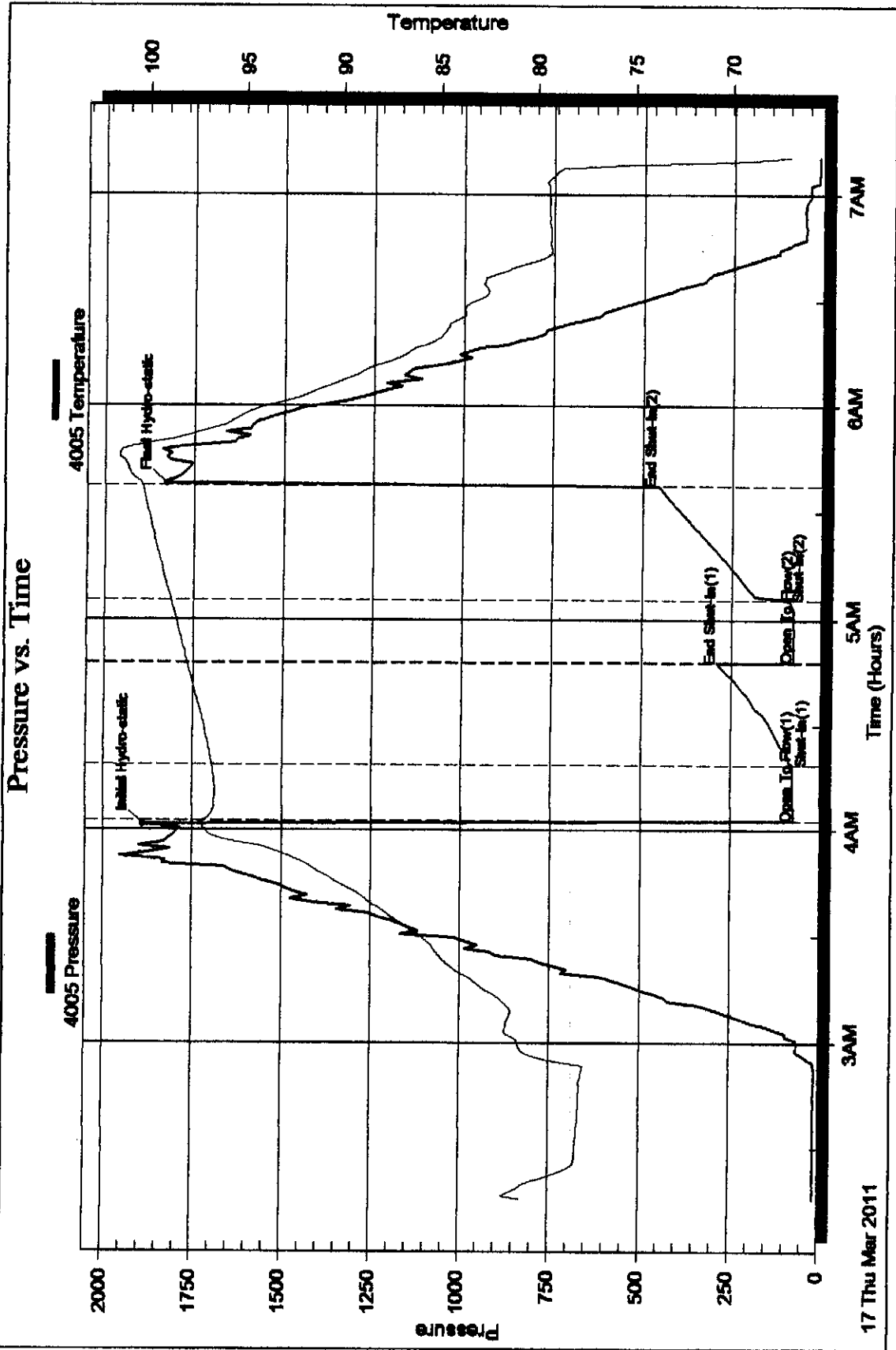
Inside

F.G.Hall Company L.L.C.

21-21s-14w Stafford

DST Test Number: 5

Pressure vs. Time



Printed: 2011.03.21 @ 11:12:59

Ref. No: 15781

Superior Testers Enterprises LLC

Serial #: 29636

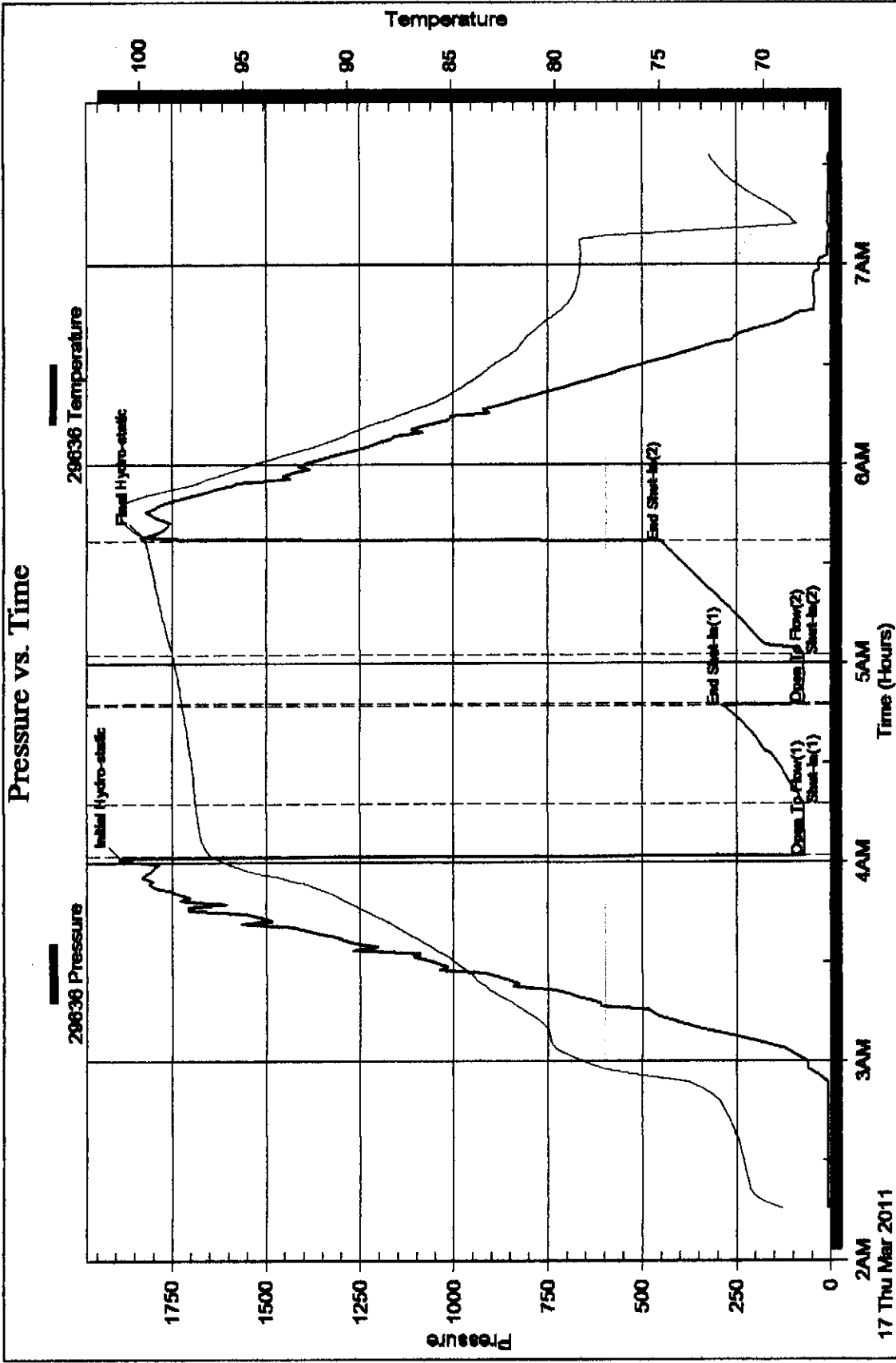
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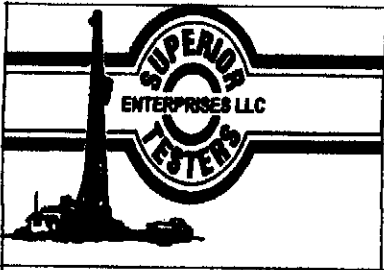
F.G.Hall Company L.L.C.

21-21s-14w Stafford

DST Test Number: 5

Pressure vs. Time





DRILL STEM TEST REPORT

F.G.Holt Company L.L.C.
 9431 East Central Suite 100
 Wichita, Kansas 67206-2563
 ATTN: Ryan Greenbaum

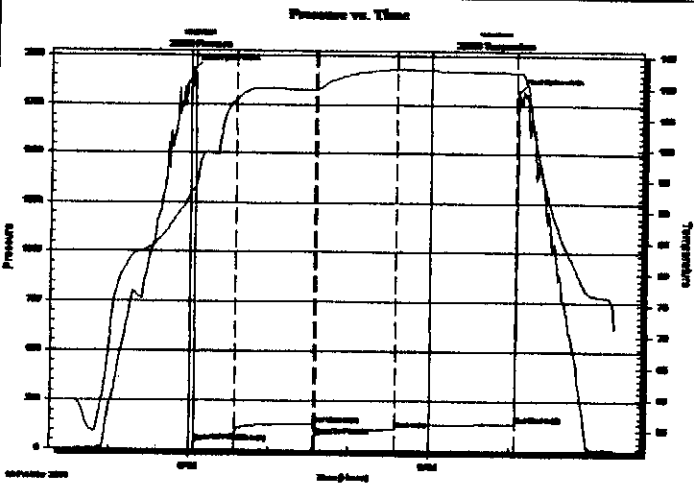
Ford #3
 21-21s-14w Stafford
 Job Ticket: 15782 DST#: 6
 Test Start: 2011.03.18 @ 04:35:00

GENERAL INFORMATION:

Formation: Simpson
 Deviated: No Whipstock ft (KB)
 Time Tool Opened: 00:00:00
 Time Test Ended: 00:00:00
 Interval: 3717.00 ft (KB) To 3750.00 ft (KB) (TVD)
 Total Depth: 3750.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Gene Budig
 Unit No: 3335-29
 Reference Elevations: 1943.00 ft (KB)
 1935.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 29636 Outside
 Press@RunDepth: 135.78 psia @ 3747.00 ft (KB)
 Start Date: 2011.03.18 End Date: 2011.03.18
 Start Time: 04:35:30 End Time: 11:19:00
 Capacity: 5000.00 psia
 Last Calb.: 2011.03.18
 Time On Btm: 2011.03.18 @ 06:02:00
 Time Off Btm: 2011.03.18 @ 10:05:30

TEST COMMENT: 1st Opening 30 Minutes-Fair blow built to 10 inches into the water
 1st Shut-in 60 Minutes-No blow back
 2nd Opening 60 Minutes-Fair blow built to 5 inches into the water
 2nd Shut-in 90 Minutes-No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1928.06	93.39	Initial Hydro-static
2	41.57	93.97	Open To Flow (1)
32	79.21	108.02	Shut-in(1)
92	134.81	109.68	End Shut-in(1)
93	77.66	109.68	Open To Flow (2)
153	109.13	113.05	Shut-in(2)
243	135.78	112.49	End Shut-in(2)
244	1817.29	112.50	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
100.00	Slightly oil cut muddy w ater	1.40
0.00	1% Oil 45% Mud 54% Water	0.00
60.00	Slightly oil cut muddy w ater	0.84
0.00	1% Oil 7% Mud 92% Water	0.00
0.00	Chlorides 16000	0.00

Gas Rates

	Choke (Inches)	Pressure (psia)	Gas Rate (Mcf/d)

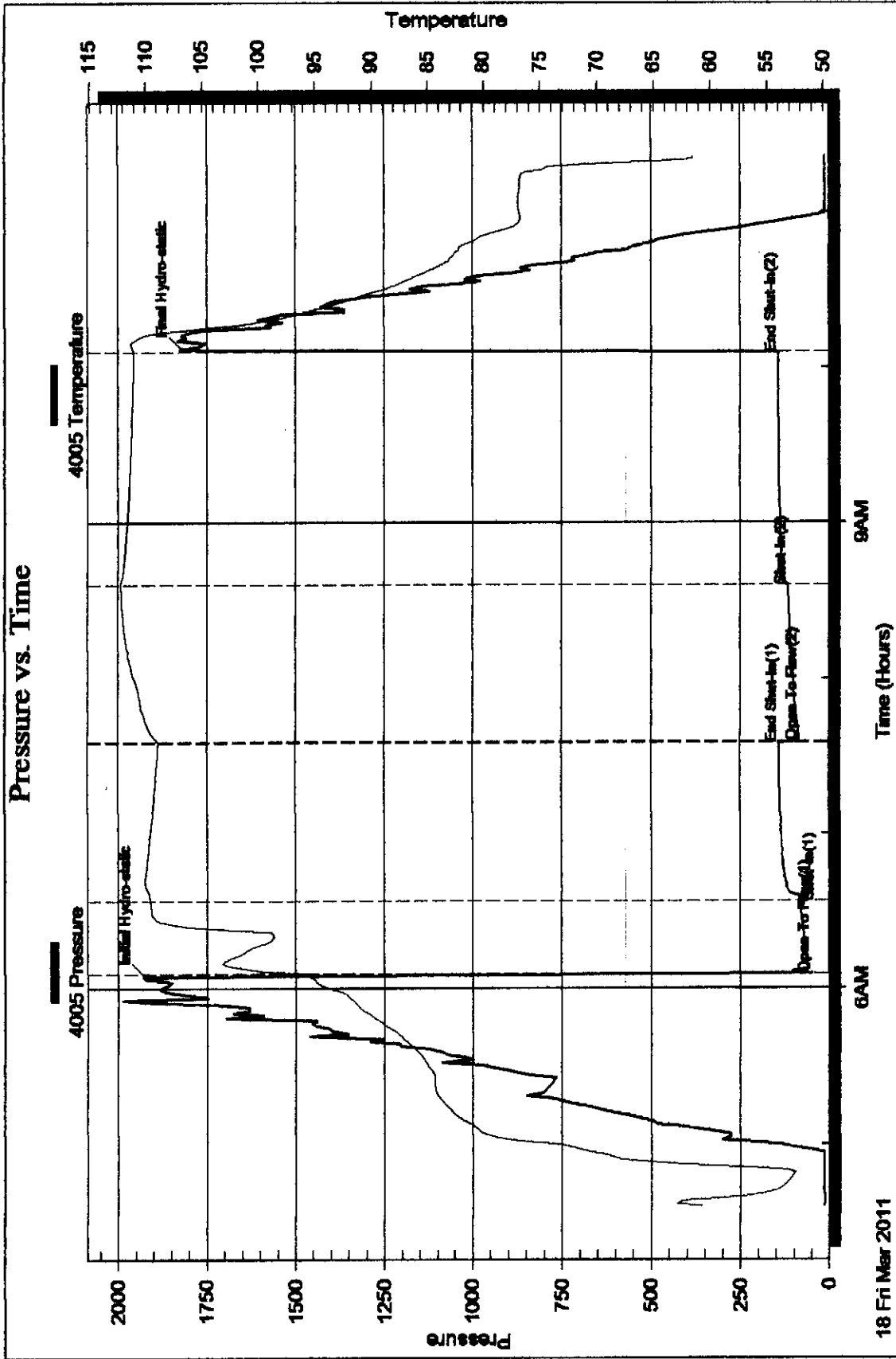
Serial #: 4005

Inside

F.G.Holl Company L.L.C.

21-21s-14w Stafford

DST Test Number: 6



18 Fri Mar 2011

6AM

9AM

Time (Hours)

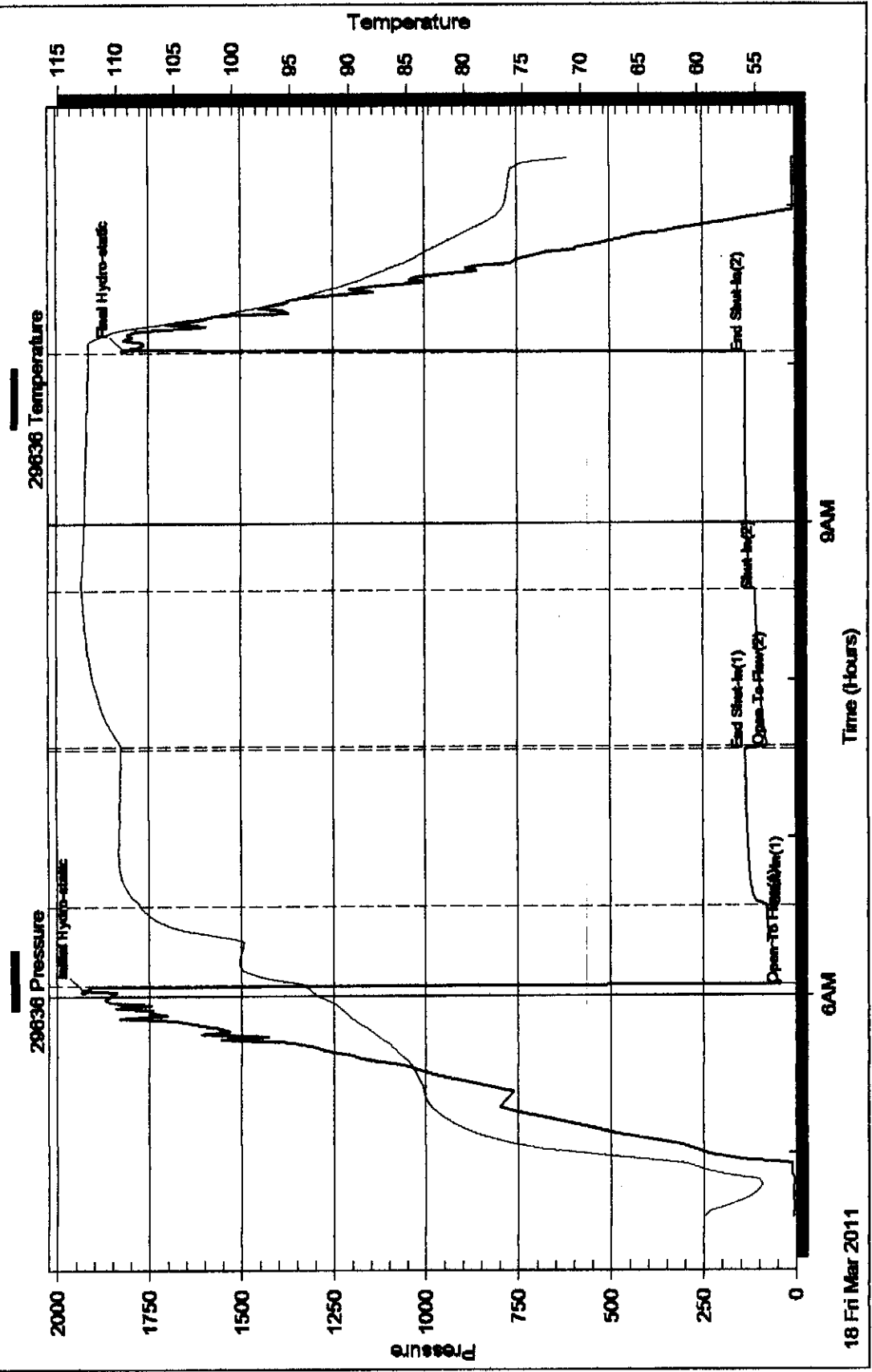
Serial #: 29636

Outside F.G.Holl Company L.L.C.

21-21s-14w Stafford

DST Test Number: 6

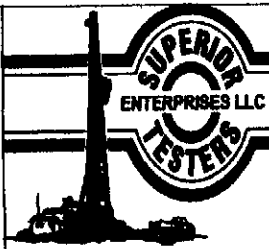
Pressure vs. Time



Printed: 2011.03.21 @ 11:09:17

Ref. No: 15782

Superior Testers Enterprises LLC



DRILL STEM TEST REPORT

F.G.Holl Company L.L.C.
 9431 East Central Suite 100
 Wichita, Kansas 67206-2563
 ATTN: Ryan Greenbaum

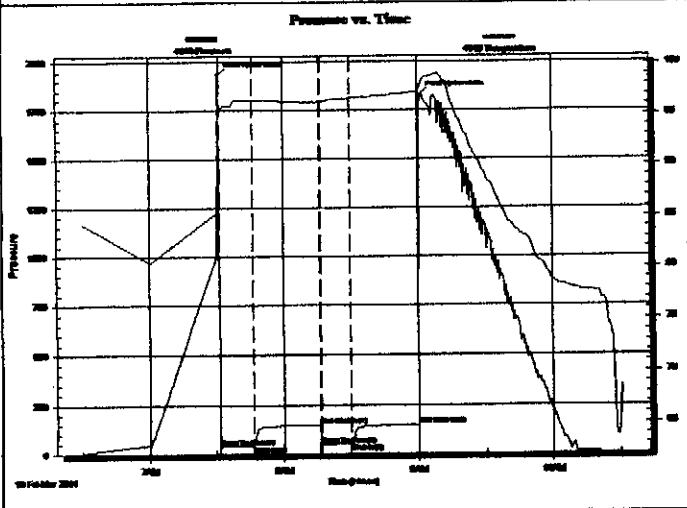
Ford #3
21-21s-14w Stafford
 Job Ticket: 15783 **DST#: 7**
 Test Start: 2011.03.18 @ 06:30:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:00:00
 Time Test Ended: 00:00:00
 Interval: **3750.00 ft (KB) To 3774.00 ft (KB) (TVD)**
 Total Depth: **3774.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Gene Budig
 Unit No: 3335-29
 Reference Elevations: 1943.00 ft (KB)
 1935.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 4143 **Outside**
 Press@RunDepth: 148.33 psia @ 3771.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2011.03.18 End Date: 2011.03.18 Last Calib.: 2011.03.18
 Start Time: 06:30:30 End Time: 10:31:00 Time On Btm: 2011.03.18 @ 07:31:00
 Time Off Btm: 2011.03.18 @ 09:01:00

TEST COMMENT: 1st Opening 15 Minutes-Weak blow for 1 minute and died
 1st Shut-In 30 Minutes-No blow back
 2nd Opening 15 Minutes-No blow
 2nd Shut-In 30 Minutes-No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1935.40	95.65	Initial Hydro-static
1	38.23	95.67	Open To Flow (1)
16	44.14	96.39	Shut-In(1)
45	149.23	96.18	End Shut-In(1)
46	45.21	96.19	Open To Flow (2)
59	51.87	96.56	Shut-In(2)
89	148.33	97.17	End Shut-In(2)
90	1827.24	97.73	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Drilling mud	0.21

Gas Rates

Choke (Inches)	Pressure (psia)	Gas Rate (Mcf/d)

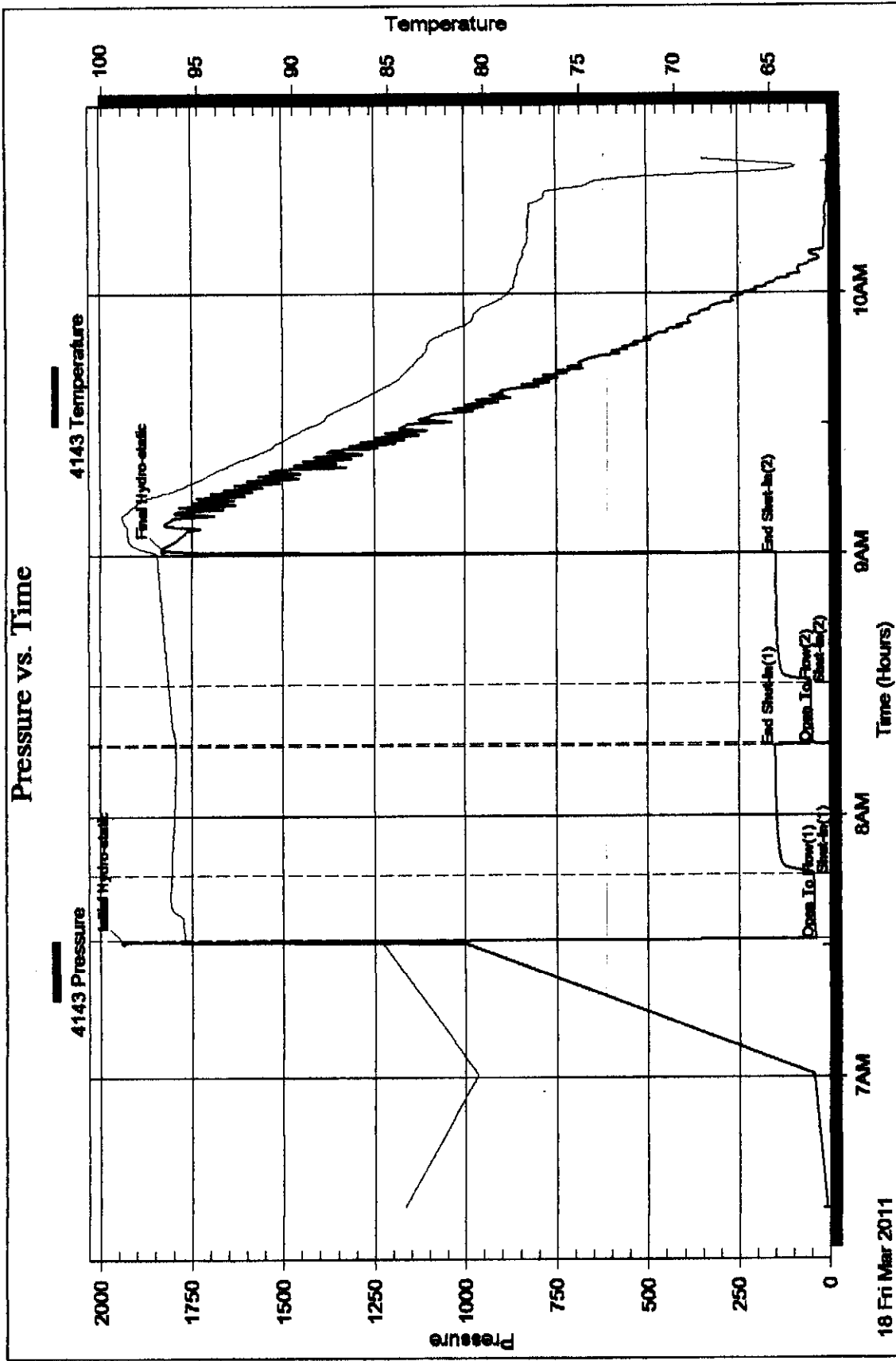
DST Test Number: 7

21-21s-14w Stafford

Outside F.G.Hall Company L.L.C.

Serial #: 4143

Pressure vs. Time



18 Fri Mar 2011

Printed: 2011.03.21 @ 11:09:05

Ref. No: 15783

Superior Testers Enterprises LLC

DST Test Number: 7

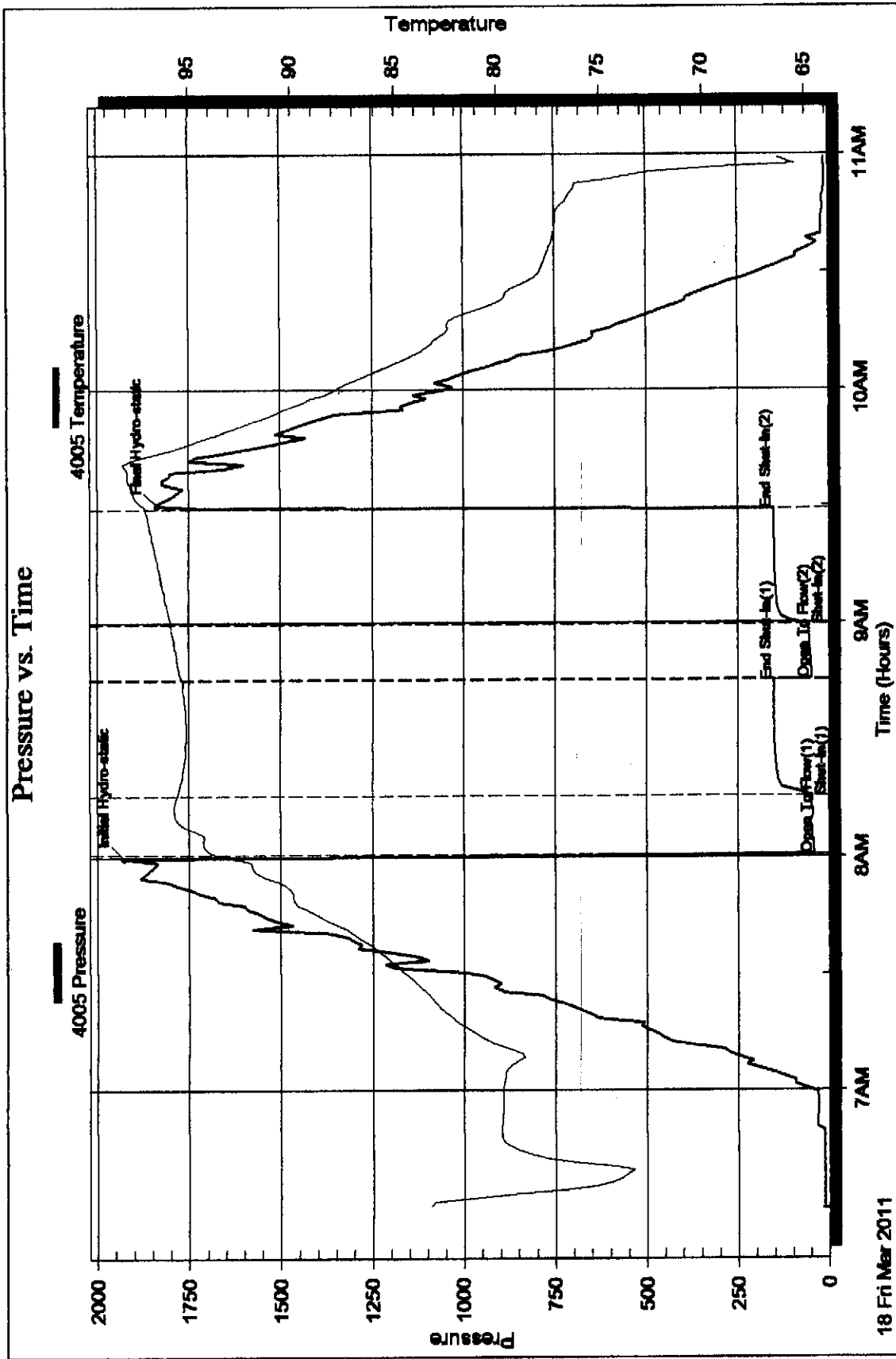
21-21s-14w Stafford

F.G.Hol Company L.L.C.

Inside

Serial #: 4005

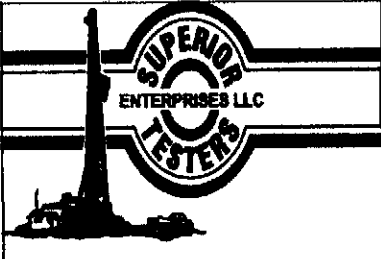
Pressure vs. Time



Printed: 2011.03.21 @ 11:09:06

Ref. No: 15783

Superior Testers Enterprises LLC



DRILL STEM TEST REPORT

F.G.Holl Company L.L.C.
 9431 East Central Suite 100
 Wichita, Kansas 67208-2563
 ATTN: Ryan Greenbaum

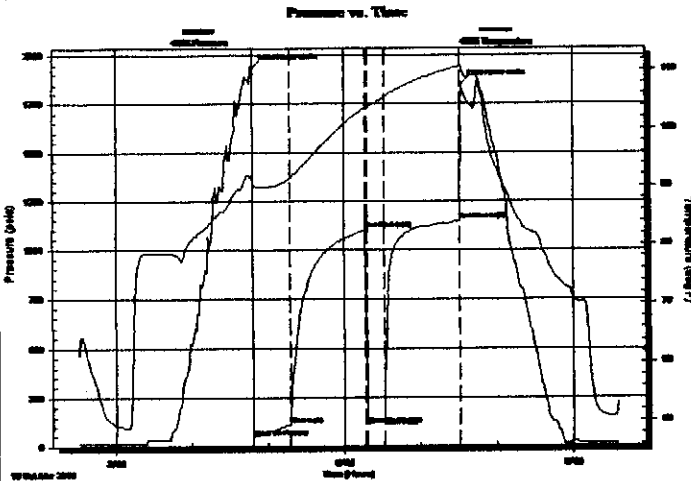
Ford #3
 21-21a-14w Stafford
 Job Ticket: 15784 DST#: 8
 Test Start: 2011.03.19 @ 02:30:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:00:00
 Time Test Ended: 00:00:00
 Interval: 3751.00 ft (KB) To 3778.00 ft (KB) (TVD)
 Total Depth: 3778.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Gene Budig
 Unit No: 3335-29
 Reference Elevations: 1943.00 ft (KB)
 1935.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 4005 Inside
 Press@RunDepth: 1147.11 psia @ 3774.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2011.03.19 End Date: 2011.03.19 Last Calib.: 2011.03.19
 Start Time: 02:30:30 End Time: 09:35:30 Time On Btm: 2011.03.19 @ 04:47:30
 Time Off Btm: 2011.03.19 @ 07:32:00

TEST COMMENT: 1st Opening -30 Minutes-Fair blow built to the bottom of a 5 gallon bucket in 20 minutes
 1st Shut-In 60 Minutes-No blow back
 2nd Opening 15 Minutes-Fair blow built to 6 inches into the water
 2nd Shut-In 60 Minutes-Did blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1941.03	90.79	Initial Hydro-static
1	47.12	90.50	Open To Flow (1)
30	109.70	91.35	Shut-In(1)
89	1101.76	103.68	End Shut-In(1)
90	111.28	103.73	Open To Flow (2)
104	140.81	105.30	Shut-In(2)
164	1147.11	110.70	End Shut-In(2)
165	1853.09	110.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
100.00	Muddy Water with a slight show of oil	1.40
0.00	28%Mud 72%Water	0.00
60.00	Muddy water with a slight show of oil	0.84
0.00	15% Mud 85%Water	0.00
0.00	Chlorides 16,00	0.00
0.00	Resistivity .34 @ 56 Degrees	0.00

Gas Rates

	Choke (Inches)	Pressure (psia)	Gas Rate (Mcf/d)

DST Test Number: 8

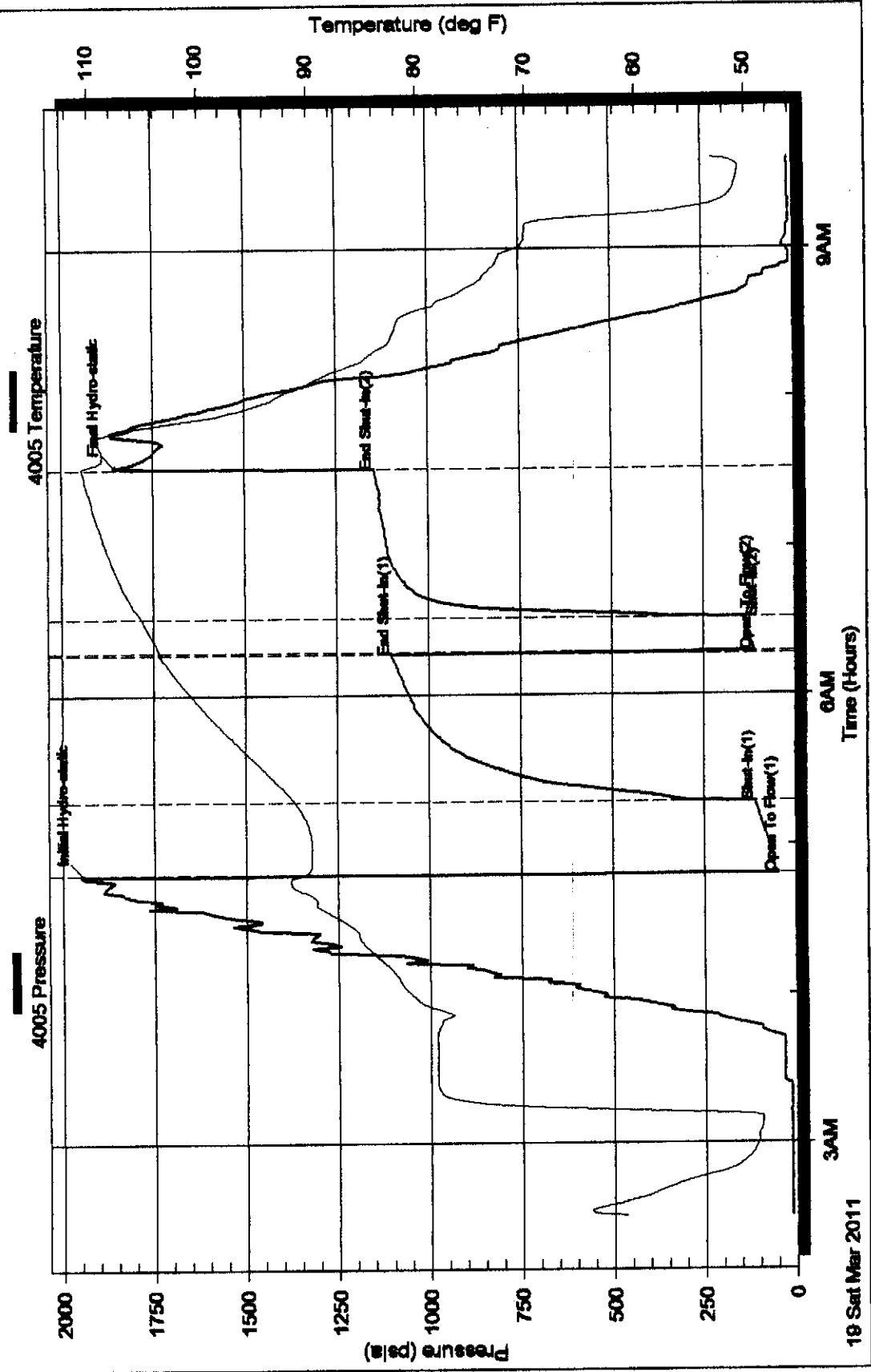
21-21s-14w Stafford

F.G.Hall Company L.L.C.

Inside

Serial #: 4005

Pressure vs. Time



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Ref. No: 15784

Superior Testers Enterprises LLC

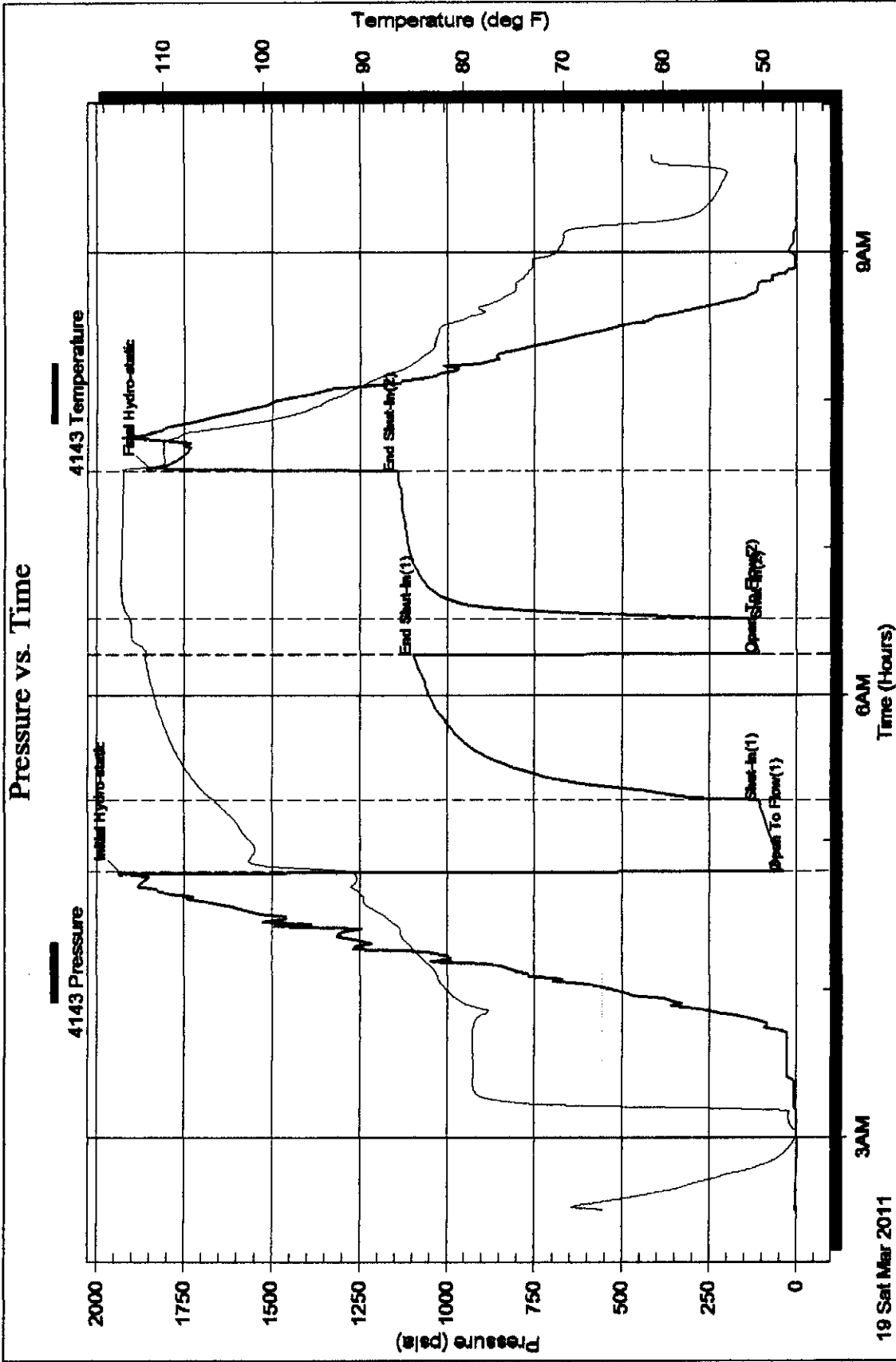
Serial #: 4143

Outside

F.G.Holl Company L.L.C.

21-21s-14w Stafford

DST Test Number: 8



Superior Testers Enterprises LLC

Ref. No: 15784

Printed: 2011.03.21 @ 11:08:51

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



phone: 316-337-6200
fax: 316-337-6211
<http://kcc.ks.gov/>

Thomas E. Wright, Chairman
Ward Loyd, Commissioner

Corporation Commission

Sam Brownback, Governor

April 20, 2011

Franklin R. Greenbaum
F. G. Holl Company L.L.C.
9431 E CENTRAL STE 100
WICHITA, KS 67206-2563

Re: ACO1
API 15-185-23671-00-00
Ford 3
SE/4 Sec.21-21S-14W
Stafford County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Franklin R. Greenbaum